

Appendix B

Summaries of State Annual Compliance Reports

CONTENTS

Alabama	B-7	Montana	B-35
Alaska	B-8	Nebraska	B-36
American Samoa	B-9	Nevada	B-37
Arizona	B-10	New Hampshire	B-38
Arkansas	B-11	New Jersey	B-39
California	B-12	New Mexico	B-40
Colorado	B-13	New York	B-41
Connecticut	B-14	North Carolina	B-42
Delaware	B-15	North Dakota	B-43
District of Columbia	B-16	Northern Mariana Islands	B-44
Florida	B-17	Ohio	B-45
Georgia	B-18	Oklahoma	B-46
Guam	B-19	Oregon	B-47
Hawaii	B-20	Pennsylvania	B-48
Idaho	B-21	Puerto Rico	B-49
Illinois	B-22	Rhode Island	B-50
Indiana	B-23	South Carolina	B-51
Iowa	B-24	South Dakota	B-52
Kansas	B-25	Tennessee	B-53
Kentucky	B-26	Texas	B-54
Louisiana	B-27	Utah	B-55
Maine	B-28	Vermont	B-56
Maryland	B-29	Virgin Islands	B-57
Massachusetts	B-30	Virginia	B-58
Michigan	B-31	Washington	B-59
Minnesota	B-32	West Virginia	B-60
Mississippi	B-33	Wisconsin	B-61
Missouri	B-34	Wyoming	B-62

In this Appendix, the U.S. Environmental Protection Agency (EPA) presents a summary of each State report in a standardized format. The format includes an overall summary of the violations data specified in Section 1414 of the 1998 Safe Drinking Water Act (SDWA) Amendments (i.e., violations with respect to maximum contaminant levels (MCLs), treatment technique violations, significant monitoring and reporting requirements, and variance and exemptions).

This Appendix summarizes the data reported by the States, but does not interpret it. Therefore, other factors must be taken into account before drawing conclusions about a State program. For example, public water systems are required to report all violations to the State, but State drinking water programs vary in the regulations they choose to emphasize. A State that decided to focus attention and resources on one particular rule may have discovered and reported many more violations of that rule than a State that chose to focus on a different rule. A disproportionate number of violations in a State could also indicate that the State needs to work with its public water systems to improve their compliance.

Readers are cautioned to view the violations data provided in the State summaries within the context of each State and its individual drinking water program.

Violations for 1998

EPA summarizes the number of MCL, treatment technique, and significant monitoring violations¹ reported by each State in four categories:

- Violations of chemical contaminant requirements²
- Violations of the Total Coliform Rule
- Violations of the Surface Water Treatment Rule

- Violations of the Lead and Copper Rule.

EPA summarizes the numbers of individual public water systems in violation in each of these four categories, as reported by the State.

If a State's report did not include information in a category, EPA's summary notes the omission.

1998 Totals

EPA also summarizes the total number of systems in each State, the total number of violations reported, and the total number of PWSs in violation, if the State reported this information.

Systems in Violation

Systems in Violation is defined as the number of different systems with a reported violation of this type. Some States counted a system with multiple violations or violations in more than one category as one violating system. Other States counted a violating system each time it had a violation, or once for each of the regulatory categories in which it had a violation. If EPA's review of a State's report indicated some violating systems were counted more than once, an asterisk notes that the State's number possibly overcounts violating systems.

Variances and Exemptions

There were no reported violations of variances and exemptions in 1998.

Where to Obtain 1998 Annual Public Water Systems Report

Each State's summary page provides information on how to obtain a copy of the State, if that information was included in the State's report.

1 A comprehensive definition of significant monitoring and reporting violations including exceptions to the definition for the Total Coliform Rule and Lead and Copper Rule appears in Appendix A.

2 MCL and significant monitoring violations for organic, inorganic, total trihalomethane (TTHM), nitrate and nitrite, and radionuclide contaminants.

TABLE B-1: SUMMARY OF ELEMENTS REPORTED BY STATES

State	Submitted Report	Reported On Violations Categories			Reported on V/E	Provided Inventory Information	Identified Size and Type of Violating Systems	Discussed Compliance and Enforcement Responses	Identified Each System with MCL and TT Violations	Provided Information to Public on Availability	Provided Additional Information ¹
		MCL	M/R	TT							
Alabama	x	x	x	x	x	x	x	x	x	x	x
Alaska	x	x	x	x		x		x	x	x	
American Samoa	Did not submit report.										
Arizona	x	x	x	x						x	
Arkansas	x	x	x	x	x	x	x	x	x	x	x
California	x	x	x	x	x			x	x	x	x
Colorado	x	x	x	x	x				x	x	
Connecticut	x	x	x	x		x		x	x	x	x
Delaware	x	x	x	x		x		x	x	x	x
District of Columbia	x	x	x	x	x	x	x	x	x	x	x
Florida	x	x	x	x	x					x	
Georgia	x	x	x	x	x				x	x	x
Guam	Did not submit report.										
Hawaii	x	x	x	x	x			x	x	x	
Idaho	x	x	x	x	x			x	x	x	x
Illinois	x	x	x	x				x	x	x	x
Indiana	x	x	x	x		x	x	x	x	x	x
Iowa	x	x	x	x	x	x		x	x	x	x
Kansas	x	x	x	x		x		x	x	x	x
Kentucky	x	x	x	x	x	x			x	x	x
Louisiana	x	x	x	x		x			x	x	
Maine	x	x	x	x		x	x	x	x	x	x
Maryland	x	x	x	x	x	x		x	x	x	x
Massachusetts	x	x	x	x	x	x	x	x	x	x	x
Michigan	x	x	x	x	x				x	x	
Minnesota	x	x	x	x		x	x			x	x
Mississippi	x	x	x	x	x	x		x	x	x	
Missouri	x	x	x	x	x	x		x	x	x	x
Montana	x	x	x	x	x	x		x		x	x
Nebraska	x	x	x	x	x	x		x		x	x
Nevada	x	x	x	x		x				x	

TABLE B-1: SUMMARY OF ELEMENTS REPORTED BY STATES (continued)

State	Submitted Report	Reported On Violations Categories			Reported on V/E	Provided Inventory Information	Identified Size and Type of Violating Systems	Discussed Compliance and Enforcement Responses	Identified Each System with MCL and TT Violations	Provided Information to Public on Availability	Provided Additional Information ¹
		MCL	M/R	TT							
New Hampshire	x	x	x	x	x	x		x	x	x	x
New Jersey	Violations information submitted. Remainder of report still pending.										
New Mexico	x	x	x	x	x				x	x	
New York	x	x	x	x	x				x	x	x
North Carolina	x	x	x	x	x	x				x	
North Dakota	x	x	x	x	x	x			x	x	x
Northern Mariana Islands	Did not submit report.										
Ohio	x	x	x	x	x	x	x	x	x	x	x
Oklahoma	x	x	x	x	x	x		x	x	x	x
Oregon	x	x	x	x		x		x		x	x
Pennsylvania	x	x	x	x	x	x	x		x	x	x
Puerto Rico	x	x	x	x		x		x	x	x	
Rhode Island	x	x	x	x		x				x	x
South Carolina	x	x	x	x	x	x		x	x	x	x
South Dakota	x	x	x	x	x	x				x	
Tennessee	x	x	x	x	x			x	x	x	
Texas	x	x	x	x	x	x			x	x	
Utah	x	x	x	x						x	
Vermont	x	x	x	x	x	x		x	x	x	
Virgin Islands	x	x	x	x	x		x		x	x	x
Virginia	x	x	x	x					x	x	
Washington	x	x	x	x	x	x			x	x	
West Virginia	x	x	x	x	x			x	x	x	
Wisconsin	x	x	x	x	x	x	x	x	x	x	x
Wyoming	x	x	x	x	x				x	x	x

1. An "x" in this column indicates the state submitted more information in its report than the minimum EPA recommends in guidance.

State of Alabama 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	3	3			496	46
Total Coliform Rule	50	47			57*	38
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			2	2	4	4

* This total appears in the text of the report and can be corroborated by counting major M/R violations listed in the State's Appendix A. The State's Appendix B indicates the number is 40.

Total Number of Regulated Systems	753
Total Number of Systems in Violation	120
Total Number of Violations	612

Where to Obtain 1998 Annual State Public Water Systems Report

Alabama's State Report is available by accessing the State's Web site at www.adem.state.al.us/viorep98.html and by written request to ADEM, Water Supply Branch, P.O. Box 301463, Montgomery, Alabama 36130-1463 or at e-mail address tsd@adem.state.al.us.

State of Alaska 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	3	3			6,131	360
Total Coliform Rule	38	34			1,234	647
Surface Water Treatment Rule			272	83	714	154
Lead and Copper Rule			0	0	51	51

Total Number of Regulated Systems	1,760
Total Number of Systems in Violation	886
Total Number of Violations	8,443

Where to Obtain 1998 Annual State Public Water Systems Report

Alaska's State Report is available by accessing the State's Web site at www.state.ak.us/dec/deh/water/dwvio98.htm or by contacting James Weise, Drinking Water/Waste Water Program Manager, Department of Environmental Conservation, 555 Cordova Street, Anchorage, AK 99501, phone (907) 269-7647.

American Samoa 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	79	10			16	3
Surface Water Treatment Rule			108	9	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	21
Total Number of Systems in Violation	11
Total Number of Violations	203

Where to Obtain 1998 Annual State Public Water Systems Report

American Samoa did not publish an annual report, and did not regularly submit data to SDWIS/FED. EPA generated these tables from data maintained by EPA's Regional office.

State of Arizona 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	170	80			966	966
Total Coliform Rule	48	42			62	62
Surface Water Treatment Rule			1	1	52	32
Lead and Copper Rule			Not Available	Not Available	Not Available	Not Available

Total Number of Regulated Systems	1,707
Total Number of Systems in Violation	1,064
Total Number of Violations	1,299

Where to Obtain 1998 Annual State Public Water Systems Report

Arizona's State Report is available by contacting the Drinking Water Section, Arizona Department of Environmental Quality, 3033 N. Central, Room 200, Phoenix, AZ 85012-2809, phone (602) 270-4644.

State of Arkansas 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	27	11*			0	0
Total Coliform Rule	102	75			204	135
Surface Water Treatment Rule			104	21	65	21
Lead and Copper Rule			1	1	0	0

Total Number of Regulated Systems	1,208
Total Number of Systems in Violation	264*
Total Number of Violations	503

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Arkansas' State Report is available by accessing the State's Web site at www.health.state.ar.us/eng/doe.htm or by contacting the Arkansas Department of Health, Division of Engineering, 4815 West Markham Street, Little Rock, AR 72205-2032, phone (501) 661-2623, fax (501) 661-2032, or scorder@mail.doh.state.ar.us.

State of California 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	45	42			0	0
Total Coliform Rule	688	512			711	519
Surface Water Treatment Rule			67	65	0	0
Lead and Copper Rule			Not Available	Not Available	Not Available	Not Available

Total Number of Regulated Systems	8,744
Total Number of Systems in Violation	1,130*
Total Number of Violations	1,511

* Although California's report did not provide a total number of systems in violation, the sum of the numbers the State reported for the separate rules is 1,139. EPA reduced that number by nine to account for systems that appeared more than once on California's list of violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

California's State Report is available by contacting the State at California Department of Health Services, Division of Drinking Water and Environmental Management, phone (916) 323-6111.
<http://www.dhs.ca.gov/org/ps/ddwem/pubindex.htm>

State of Colorado 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	1	1			360	81
Total Coliform Rule	64	48			509	356
Surface Water Treatment Rule			43	21	6	2
Lead and Copper Rule			9	9	5	5

Total Number of Regulated Systems	2,226
Total Number of Systems in Violation	523*
Total Number of Violations	997

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Colorado's State Report is available by contacting the State at Compliance Monitoring-Data Management, WQCO-CMDM-B2, 4300 Cherry Creek Drive South, Denver, CO 80246-1530.

State of Connecticut 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	18	10*			712	63*
Total Coliform Rule	143	81			179	135
Surface Water Treatment Rule			5	5	0	0
Lead and Copper Rule			3	3	14	54

Total Number of Regulated Systems	4,550
Total Number of Systems in Violation	287*
Total Number of Violations	1,074

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Connecticut's State Report is available for review at the public library or at the Water Supplies Section, Department of Public Health, 450 Capitol Avenue, Hartford, CT 06134. To schedule an appointment to review this document at the Water Supplies Section call (860) 509-7333.

State of Delaware 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	32	16			0	0
Total Coliform Rule	52	44			1	1
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			69	34	33	33

Total Number of Regulated Systems	566
Total Number of Systems in Violation	160*
Total Number of Violations	187

*Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Information on Delaware's public water systems may be found on the Internet in EPA's Envirofacts web page at the following address: www.epa.gov/enviro/html/sdwis/sdwis_query.html. Delaware's State Report is available by contacting the Division of Public Health, Office of Drinking Water, P.O. Box 639, Dover, DE 19903, or telephone (302) 739-5410.

District of Columbia 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	0	0			0	0
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	2
Total Number of Systems in Violation	0
Total Number of Violations	0

Where to Obtain 1998 Annual State Public Water Systems Report

The District of Columbia's State Report is available by contacting: George Rizzo, DC PWSS Program Manager, Drinking Water Branch (3WP22), U.S. EPA Region III, 1650 Arch Street, Philadelphia, PA 19103-2029, Telephone (215) 814-5781, Fax: (215) 814-2318, E-mail: rizzo.george@epa.gov.

State of Florida 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	16	15			1,414	1,391
Total Coliform Rule	259	243			1,141	841
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	2	1

Total Number of Regulated Systems	6,911
Total Number of Systems in Violation	2,491*
Total Number of Violations	2,832

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Florida's State Report Summary, State rules, forms, and drinking water inventory are available by accessing the State's Web site (www.dep.state.fl.us/water/Wf/dw/default.htm).

State of Georgia 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	6	4			419*	246
Total Coliform Rule	224	157			782	510
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	15	15

Total Number of Regulated Systems	NR
Total Number of Systems in Violation	NR
Total Number of Violations	1,446

* Georgia reports 419 violations in its report, 412 violations in an attached table.

Where to Obtain 1998 Annual State Public Water Systems Report

Georgia's State Report is available by contacting Doug Davenport, Department of Natural Resources, Environmental Protection Division, Drinking Water Program, Information Management Unit, 205 Butler St., SE Suite 1362, Atlanta, GA 30334, phone (404) 651-5162. Website: www.dnr.state.ga.us/dnr/environ/

Guam 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	0	0			0	0
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	12
Total Number of Systems in Violation	0
Total Number of Violations	0

Where to Obtain 1998 Annual State Public Water Systems Report

Guam did not publish an annual report, and did not submit violations data to SDWIS/FED during this period. EPA generated inventory data from SDWIS/FED.

State of Hawaii 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	9	5			4	4
Surface Water Treatment Rule			78	9	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	138
Total Number of Systems in Violation	17
Total Number of Violations	91

* The State of Hawaii issued a revised 1998 report on February 4, 2000 that added 15 chemical monitoring and reporting violations at one public water system. The State had not yet initiated its enforcement action in July of 1999, when it first published its annual report for 1998.

Where to Obtain 1998 Annual State Public Water Systems Report

Hawaii's State Report is available by the Safe Drinking Water Branch, Department of Health, 919 Ala Moana Blvd., Room 308, Honolulu, HI 96814-4920, phone (808) 586-4258, fax (808) 586-4370, email (waterbill@aol.com).

State of Idaho 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			439	357
Total Coliform Rule	379	279			948	655
Surface Water Treatment Rule			205	32	0	0
Lead and Copper Rule			0	0	0*	3

Total Number of Regulated Systems	2,075
Total Number of Systems in Violation	1,024**
Total Number of Violations	1,971*

* Idaho does not count violations at the three systems in violation because those violations began prior to 1998.

** Includes 3 systems whose violations began prior to 1998.

Where to Obtain 1998 Annual State Public Water Systems Report

Idaho's State Report is available by accessing the State's web site (www2.state.id.us/deq/) and by contacting the Idaho Division of Environmental Quality's six Regional Offices or the State's seven district health departments.

State of Illinois 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	174	129			2,122	73
Total Coliform Rule	208	159			442	253
Surface Water Treatment Rule			4	2	4	3
Lead and Copper Rule			12	12	79	74

Total Number of Regulated Systems	6,072
Total Number of Systems in Violation	581
Total Number of Violations	3,045

Where to Obtain 1998 Annual State Public Water Systems Report

Illinois' State Report is available by contacting the Illinois EPA's Division of Public Water Supplies, #13, P.O. Box 9276, Springfield, IL 62794-9276.

State of Indiana 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	52	22*			1,118	900*
Total Coliform Rule	274	249			2,613	1,417
Surface Water Treatment Rule			5	5	1	1
Lead and Copper Rule			0	0	48	40

Total Number of Regulated Systems	4,295
Total Number of Systems in Violation	1,713
Total Number of Violations	4,111

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Indiana's State Report is available via the Indiana Department of Environmental Management, Office of Water Management, Drinking Water Branch, at www.state.in.us/idem/owm/dwb/index.html, or by contacting the Drinking Water Branch at (317) 308-3280.

State of Iowa 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	146	47			389	303
Total Coliform Rule	262	190			472	303
Surface Water Treatment Rule			7	4	6	2
Lead and Copper Rule			54	42	17	16

Total Number of Regulated Systems	1,977
Total Number of Systems in Violation	697
Total Number of Violations	1,353

Where to Obtain 1998 Annual State Public Water Systems Report

Iowa's State Report is available by accessing the State's web site at www.state.ia.us/government/dnr/organiza/epd/wtrsuply/pwscmp97.htm or by contacting the Iowa Department of Natural Resources, Water Supply Section, Wallace State Office Building, 900 East Grand Avenue, Des Moines, IA 50319-0034.

State of Kansas 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	85	41			0	0
Total Coliform Rule	76	67			77	46
Surface Water Treatment Rule			8	5	15	8
Lead and Copper Rule			3	3	6	6

Total Number of Regulated Systems	1,122
Total Number of Systems in Violation	165
Total Number of Violations	270

Where to Obtain 1998 Annual State Public Water Systems Report

Kansas' State Report is available by accessing the State's web site at www.kdhe.state.ks.us or by contacting the State at Public Water Supply Section, Kansas Department of Health and Environment, Bldg. 283, Forbes Field, Topeka, KS 66620, Attn: Peter Armesto, phone (785) 296-6297.

State of Kentucky 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	49	29			611	198
Total Coliform Rule	19	19			139	56
Surface Water Treatment Rule			28	17	96	37
Lead and Copper Rule			0	0	9	7

Total Number of Regulated Systems	733
Total Number of Systems in Violation	323
Total Number of Violations	951

Where to Obtain 1998 Annual State Public Water Systems Report

Kentucky's State Report is available by accessing the State's Web site at water.nr.state.ky.us/dow/dwhome.htm and by contacting the Kentucky Division of Water, Drinking Water Branch, 14 Reilly Road, Ash Building, Frankfort, Kentucky, 40601, phone (502) 564-3410.

State of Louisiana 1998 PWS Compliance Report

Violations for 1998*

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	261	191			17	13
Surface Water Treatment Rule			11	7	4	2
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	2,000**
Total Number of Systems in Violation	208
Total Number of Violations	293

* Violations numbers drawn from Louisiana's list of violating systems. Numbers in the narrative portion of the report sometimes differ.

** This number is an estimate provided by the state.

Where to Obtain 1998 Annual State Public Water Systems Report

A specific source for obtaining a copy of this report has not been provided. General information on its availability may be obtained from: Division of Environmental and Health Services, Louisiana Department of Health and Hospital, Office of Public Health, P.O. Box 60630, New Orleans, LA 70160, phone (504) 568-5100. Also, information on the report can be obtained by contacting the Office of Public Health, Engineering Services, 6867 Bluebonnet Boulevard, Suite 222, Baton Rouge, LA, 70810.

State of Maine 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	21	NR			257	NR
Total Coliform Rule	371	NR			1,642	NR
Surface Water Treatment Rule			Not Available	Not Available	Not Available	Not Available
Lead and Copper Rule			26	NR	91	NR

Total Number of Regulated Systems	2,177
Total Number of Systems in Violation	NR
Total Number of Violations	2,408

Where to Obtain 1998 Annual State Public Water Systems Report

Maine's State Report is available by accessing the State's web site at www.state.me.us/dhs/eng/water/water.htm or by contacting the State at Drinking Water Program, 10 State House Station, Augusta, ME 04333, phone (207) 287-2070.

State of Maryland 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	17	13			33	33*
Total Coliform Rule	246	210			118	88
Surface Water Treatment Rule			16	13	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	3,706
Total Number of Systems in Violation	461*
Total Number of Violations	430

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Maryland's State Report and additional information on the Maryland program are available by contacting Nancy Reilman, MDE — Water Supply Program at (410) 631-3729.

State of Massachusetts 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	4	4			3,581	324
Total Coliform Rule	108	88			361	176
Surface Water Treatment Rule			54	54	1	1
Lead and Copper Rule			25	25	50	35

Total Number of Regulated Systems	1,579
Total Number of Systems in Violation	597
Total Number of Violations	4,184

Where to Obtain 1998 Annual State Public Water Systems Report

The Massachusetts report is available on the state's web site at www.state.ma.us/dep/brp/dws/dwspubs.htm. Hard copies are available at each of the four Massachusetts DEP regional offices:

Western — 436 Dwight Street, Springfield, MA 01103
 Central — 627 Main Street, Worcester, MA 01608
 Northeast — 205A Lowell Street, Wilmington, MA 01887
 Southeast — 20 Riverside Drive, Lakeville, MA 02347

State of Michigan 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	13	12			2,798	826
Total Coliform Rule	525	459			2,517	1,929
Surface Water Treatment Rule			6	3	0	0
Lead and Copper Rule			0	0	140	134

Total Number of Regulated Systems	12,446
Total Number of Systems in Violation	3,363*
Total Number of Violations	5,999

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Michigan's State Report is available by accessing the Michigan Department of Environmental Quality, Drinking Water and Radiological Protection Division web page at www.deq.state.mi.us/us/dwr/. It can also be obtained by contacting the State at Michigan Department of Environmental Quality, Drinking Water & Radiological Protection Division, 3423 North Martin Luther King, Jr. Boulevard, P.O. Box 30630, Lansing, MI 48909-8130.

State of Minnesota 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	27*	27			11*	11
Total Coliform Rule	322*	322			89*	89
Surface Water Treatment Rule			9	9	0	0
Lead and Copper Rule			0	0	16*	16

Total Number of Regulated Systems	8,900
Total Number of Systems in Violation	494**
Total Number of Violations	494*

* Minnesota's report provided the number of systems in violation of each regulation, but did not provide the number of violations at those systems.

** Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Minnesota's State Report is available by contacting the Drinking Water Protection Section, Minnesota Department of Health, Box 64975, St. Paul, MN 55164-0975.

State of Mississippi 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			4	4
Total Coliform Rule	84	66			20	20
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	1,507
Total Number of Systems in Violation	83
Total Number of Violations	108

Where to Obtain 1998 Annual State Public Water Systems Report

Mississippi's State Report is available by accessing the State's web site at www.msdh.state.ms.us/OHR/watersup/wshome.htm or by contacting the Mississippi State Department of Health, Water Supply Division, P.O. Box 1700, Jackson, MS 39215-1700.

State of Missouri 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	11	8			525	146
Total Coliform Rule	633	377			1,140	665
Surface Water Treatment Rule			7	6	0	0
Lead and Copper Rule			0	0	38	38

Total Number of Regulated Systems	2,714
Total Number of Systems in Violation	1,240*
Total Number of Violations	2,354

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Missouri's State Report and additional information regarding Missouri's PWSs are available by contacting the Missouri Department of Natural Resources, Public Drinking Water Program, P.O. Box 176, Jefferson City, MO 65102, phone (573) 751-5331. Website: www.dnr.state.mo.us/deq/pdwp/homepdwp.htm.

State of Montana 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	17	14			1,173	1,056*
Total Coliform Rule	113	110			396	260
Surface Water Treatment Rule			67	20	90	18
Lead and Copper Rule			117	113	250	113

Total Number of Regulated Systems	1,950
Total Number of Systems in Violation	1,704*
Total Number of Violations	2,223

* Possibly overcounts violating of systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Montana's State Report is available on the Montana Department of Environmental Quality's web site at www.deq.mt.gov or by contacting the Public Water Supply Section, Community Services Bureau, Permitting and Compliance Division, Montana Department of Environmental Quality, Box 200901, Helena, MT 59624-0901, or telephone (406) 444-4400.

State of Nebraska 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	81	75*			10	10
Total Coliform Rule	608	377*			52	49
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	1,353
Total Number of Systems in Violation	511*
Total Number of Violations	751

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Nebraska's State Report is available by accessing the State's website www.hhs.state.ne.us/enh/enhindex.htm or by contacting the Nebraska Department of Health and Human Services, Regulation and Licensure, 301 Centennial Mall South, P.O. Box 95007, Lincoln, NE 68509, (402) 471-2541.

State of Nevada 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	6	6*			432	713*
Total Coliform Rule	13	10			27	24
Surface Water Treatment Rule			5	5	12	1
Lead and Copper Rule			9	9	160	152

Total Number of Regulated Systems	652
Total Number of Systems in Violation	609*
Total Number of Violations	664

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Nevada's State Report is available by contacting the Nevada State Health Division at 1179 Fairview Drive, Suite 101, Carson City, Nevada 89701. Copies of the report may be viewed at county libraries throughout the State and at State Health Division offices in counties that do not have a library.

State of New Hampshire 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	7	4			1,140	84
Total Coliform Rule	135	111			199	149
Surface Water Treatment Rule			16	6	1	1
Lead and Copper Rule			0	0	12	12

Total Number of Regulated Systems	2,190
Total Number of Systems in Violation	367*
Total Number of Violations	1,510

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

New Hampshire's State Report is available by contacting the NH Department of Environmental Services, Water Division, Water Supply Engineering Bureau, 6 Hazen Drive, P.O. Box 95, Concord, NH 03301, or by contacting Laurie K. Cullerot at Department of Environmental Services at (603) 271-2954, or via e-mail at l_cullerot@des.state.nh.us. The report is also available on the website www.des.nh.state.us/wseb.

State of New Jersey 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL*		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	48	41			13,480	759
Total Coliform Rule	138	106			1,736	972
Surface Water Treatment Rule			9	2	3	3
Lead and Copper Rule			1	1	50	20

Total Number of Regulated Systems	4,464
Total Number of Systems in Violation	1,502
Total Number of Violations	15,465

* New Jersey's totals include violations of State requirements that are more stringent than Federal requirements, such as standards for an additional five volatile organic compounds, and twelve MCLs more protective than Federal MCLs.

Where to Obtain 1998 Annual State Public Water Systems Report

New Jersey's State Report and Drinking Water Standards chart are available by contacting the State at New Jersey Department of Environmental Protection, Bureau of Safe Drinking Water, P.O. Box 426, Trenton, NJ 08625-0426. The report will also be sent to the State library for distribution through its system, and to the county and local health officers.

State of New Mexico 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	6	6*			1	1
Total Coliform Rule	144	98			282	172
Surface Water Treatment Rule			10	5	1	1
Lead and Copper Rule			0	0	10	10

Total Number of Regulated Systems	1,335
Total Number of Systems in Violation	246
Total Number of Violations	454

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

A specific source for obtaining a copy of this report has not been provided. General information on its availability may be obtained from: Keith Melton, Program Manager, Drinking Water Program, New Mexico Environment Department, 525 Camino De Los Marquez, Suite 4, P.O. Box 26110, Santa Fe, New Mexico 87502, Phone (505) 827-7536, e-mail: keith_melton@nmev.state.nm.us.

State of New York 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	12	12			730	719
Total Coliform Rule	93	93			1,105	1,105
Surface Water Treatment Rule			68	61	0	0
Lead and Copper Rule			1	1	5	5

Total Number of Regulated Systems	10,620
Total Number of Systems in Violation	1,996*
Total Number of Violations	2,014

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

New York's State Report is available by contacting the State at BPWSP — NYSDOH, Flanigan Square, 547 River Street, Room 400, Troy, NY 12180-2216.

State of North Carolina 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	22	20			10,582	8,743*
Total Coliform Rule	210	178			1,190	832
Surface Water Treatment Rule			6	6	0	0
Lead and Copper Rule			1	1	NR	NR

Total Number of Regulated Systems	8,235
Total Number of Systems in Violation	NR
Total Number of Violations	12,011

* This may overcount violating systems. North Carolina believes the actual number is 1,153.

Where to Obtain 1998 Annual State Public Water Systems Report

North Carolina's State Report is available by contacting the North Carolina Public Water Supply Section homepage at: www.deh.enr.state.nc.us/pws.

State of North Dakota 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	7	7	1	1	14	3
Total Coliform Rule	59	28			143	109
Surface Water Treatment Rule			2	1	1	1
Lead and Copper Rule			0	0	1	1

Total Number of Regulated Systems	564
Total Number of Systems in Violation	140
Total Number of Violations	228

Where to Obtain 1998 Annual State Public Water Systems Report

North Dakota's State Report is available by contacting the North Dakota Department of Health, Division of Municipal Facilities, P.O. Box 5520, 1200 Missouri Avenue, Bismarck, ND 58506-5520, Attention: Jeni Walsh (701) 328-5231 (phone) or (701) 328-5200 (fax), or e-mail jwalsh@state.nd.us.

Northern Mariana Islands 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	0	0			0	0
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	43
Total Number of Systems in Violation	0
Total Number of Violations	0

Where to Obtain 1998 Annual State Public Water Systems Report

The Northern Mariana Islands did not publish an annual report, and did not report violations to SDWIS/FED during this period. EPA generated inventory data from SDWIS/FED.

State of Ohio 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	18	15			5,628	1,030
Total Coliform Rule	1,711	802			1,721	1,158
Surface Water Treatment Rule			209	45	13	2
Lead and Copper Rule			19	18	190	187

Total Number of Regulated Systems	6,189
Total Number of Systems in Violation	2,391
Total Number of Violations	9,509

Where to Obtain 1998 Annual State Public Water Systems Report

A summary of Ohio's State Report is available by writing to the State of Ohio at PWS Annual Compliance Report, Ohio EPA — DDAGW, Lazarus Government Center, P.O. Box 1049, Columbus, OH 43216-1049. In addition, this summary report has been posted on the Ohio EPA's website at www.epa.state.oh.us/ddagw/annualreports.html. Additional contact sites include: David Greenwood, Central District Office, 3232 Alum Creek Drive, Columbus, OH 43207, (614) 728-3778.

State of Oklahoma 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	118	50*			0	0
Total Coliform Rule	186	146			591	312
Surface Water Treatment Rule			114	45	20	14
Lead and Copper Rule			90	90	32	32

Total Number of Regulated Systems	1,683**
Total Number of Systems in Violation	689*
Total Number of Violations	1,151

* Possibly overcounts violating systems.

** This is the total number of systems meeting the Federal definition of a PWS. The State also regulates 645 systems that do not meet the Federal definition of a PWS. The numbers above do not include violations at those 645 systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Oklahoma's State Report is available by contacting the State at Oklahoma Department of Environmental Quality, Water Quality Division, 8th Floor, 707 North Robinson, Oklahoma City, OK, or by mail request at the Department of Environmental Quality, Water Quality Division, P.O. Box 1677, Oklahoma City, OK 73101-1677, or at the website www.deq.state.ok.us/water1/home/index.html.

State of Oregon 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	3	3			5,271	765*
Total Coliform Rule	220	158			2,089	1,063
Surface Water Treatment Rule			161	67	204	71
Lead and Copper Rule			84	84	0	0

Total Number of Regulated Systems	2,703
Total Number of Systems in Violation	1,489
Total Number of Violations	8,032

*Possibly overcounts systems in violation.

Where to Obtain 1998 Annual State Public Water Systems Report

Oregon's State Report is available by contacting Diane Weis at the Oregon Health Division, 800 NE Oregon Street, Portland, OR 97232. The Oregon drinking water homepage is www.ohd.hr.state.or.us/cehs/dwp.

State of Pennsylvania 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	122	81			2,975	512
Total Coliform Rule	289	217			1,293	958
Surface Water Treatment Rule			59	44	168	41
Lead and Copper Rule			11	11	82	79

Total Number of Regulated Systems	>10,500
Total Number of Systems in Violation	1,662
Total Number of Violations	4,999

Where to Obtain 1998 Annual State Public Water Systems Report

Pennsylvania's State Report, the list of public water systems having MCL violations during 1998, and additional information about the Pennsylvania Safe Drinking Water Program are available by contacting: Department of Environmental Protection, Bureau of Water Supply Management, P.O. Box 8467, 11th Floor RCSOB, Harrisburg, PA 17105-8467, phone (717) 787-5017. Website: www.dep.state.pa.us.

Puerto Rico 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	12	7			1,810	1,467*
Total Coliform Rule	1,242	445			1,265	360
Surface Water Treatment Rule			444	197	1,046	153
Lead and Copper Rule			0	0	57	43

Total Number of Regulated Systems	NR
Total Number of Systems in Violation	NR
Total Number of Violations	5,876

Where to Obtain 1998 Annual State Public Water Systems Report

Puerto Rico's Report is available at the following addresses:

Department of Health
Public Water Supply Supervision Program
Ramon Fernandez Marina Hospital — Third Floor
Bo. Monacillos, Rio Piedras, Puerto Rico

Department of Health
Public Water Supply Supervision Program
P.O. Box 70184
Rio Piedras, Puerto Rico 00936
Telephone: (787) 754-6010 or (787) 754-6370

State of Rhode Island 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	3	2			5	4
Total Coliform Rule	29	24			7	7
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	NR
Total Number of Systems in Violation	37*
Total Number of Violations	44

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Additional information about Rhode Island's drinking water program is available on the State's website at www.health.state.ri.us or by contacting the Rhode Island Department of Health, Office of Drinking Water Quality, 3 Capitol Hill, Room 209, Providence, RI 02908, phone (401) 222-6867.

State of South Carolina 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	6	5			0	0
Total Coliform Rule	126	102			140	85
Surface Water Treatment Rule			15	13	7	3
Lead and Copper Rule			11	11	55	49

Total Number of Regulated Systems	1,562
Total Number of Systems in Violation	231
Total Number of Violations	360

Where to Obtain 1998 Annual State Public Water Systems Report

South Carolina's State Reports are available by contacting the Water Enforcement Division with SCDHEC's Bureau of Water at (803)898-4153 or by fax at (803) 898-3795 or by e-mail at betterva@columb32.dhec.state.sc.us or by writing to 2600 Bull Street, Columbia, SC, 29201. The report will also be made available on the Bureau of Water webpage at www.state.sc.us/dhec/eqc/water. For additional information not contained here, call the Freedom of Information Office at (803) 898-3880.

State of South Dakota 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	9	8			979	67
Total Coliform Rule	96	69			197	132
Surface Water Treatment Rule			9	3	0	0
Lead and Copper Rule			0	0	36	36

Total Number of Regulated Systems	744
Total Number of Systems in Violation	315
Total Number of Violations	1,326

Where to Obtain 1998 Annual State Public Water Systems Report

South Dakota's State Report is available by contacting the State at DENR, Drinking Water Program, 523 E. Capitol St., Pierre, SD 57501-3181.

State of Tennessee 1998 PWS Compliance Report

Violations for 1998*

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			356	67**
Total Coliform Rule	99	92			182	135
Surface Water Treatment Rule			95	21	9	1
Lead and Copper Rule			0	0	7	6

Total Number of Regulated Systems	1,187
Total Number of Systems in Violation	317**
Total Number of Violations	748

* Numbers drawn from Tennessee's Detailed Violations Report. Numbers in Summary Violations Report occasionally differ.

** Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Tennessee's State Report is available by contacting the Division Water Supply Central Office at: Division of Water Supply — Central Office, 401 Church Street, 6th Floor, L&C Tower, Nashville, TN 37423-1549, phone (615) 532-0152; or any of the six field offices: Division of Water Supply, Suite 550 — State Office Building, 540 McCallie Avenue, Chattanooga, TN 37402-2013, phone (888) 891-8332; Division of Water Supply, 121 South Willow, Cookeville, TN 38502; Division of Water Supply, 362 Carriage House Drive, Jackson, TN 38305-2222; Division of Water Supply, 2305 Silverdale Road, Johnson City, TN 37601-2162; Division of Water Supply, Suite 220-State Plaza, 2700 Middlebrook Pike, Knoxville, TN 37219; Division of Water Supply, 537 Brick Church Park Drive, Nashville, TN 37243-1550. Copies of Tennessee's State Report are also located in most public libraries in Tennessee, or at the website: www.state.tn.us/environment/dws/index.html.

State of Texas 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	192	166			N/A*	N/A*
Total Coliform Rule	208	188			1,322	970
Surface Water Treatment Rule			70	30	189	45
Lead and Copper Rule			3	3	4	3

Total Number of Regulated Systems	6,677
Total Number of Systems in Violation	1,405**
Total Number of Violations	1,988

* The state, not the system, collects samples for the chemical standards, minimizing monitoring violations.

** Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

A specific source for obtaining a copy of this report has not been provided. General information on its availability may be obtained from: Water Utilities Division, Texas Natural Resource Conservation Commission, P.O. Box 13087, Austin, TX 78711-3087, phone (512) 239-6020.

State of Utah 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			3,773	2,326*
Total Coliform Rule	171	123*			377	246
Surface Water Treatment Rule			27	12	8	2
Lead and Copper Rule			0	0	18	13

Total Number of Regulated Systems	NR
Total Number of Systems in Violation	2,714*
Total Number of Violations	4,374

* Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Utah's State Report is available by contacting the State at Utah Division of Drinking Water, P.O. Box 144830, Salt Lake City, UT 84114-4830, Attention: Ken Bousfield, phone (801) 536-4207.

State of Vermont 1998 PWS Compliance Report

Violations for 1998*

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	3	2			420	417*
Total Coliform Rule	92	81*			164	128*
Surface Water Treatment Rule			15	15	4	3
Lead and Copper Rule			1	1	47	47

Total Number of Regulated Systems	1,398
Total Number of Systems in Violation	694**
Total Number of Violations	746

* Numbers are drawn from Vermont's list of violations and violating facilities. Numbers in other parts of the report sometimes differ.

** Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

Vermont's State Report is available by contacting the State Water Supply Division, 103 S. Main St., Waterbury, VT 05671-0403, phone (802) 241-3400, in Vermont, dial (800) 823-6500. It is also available on the Internet at the following address: www.anr.state.vt.us/dec/watersup/vtrpt1998.pdf.

Virgin Islands 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	108	84			127*	59
Surface Water Treatment Rule**			N/A	N/A	N/A	N/A
Lead and Copper Rule			0	0	0	0

Total Number of Regulated Systems	460
Total Number of Systems in Violation	143***
Total Number of Violations	235

* State report contains two sets of numbers that do not always match.

** The Virgin Islands does not have any surface water sources of drinking water.

*** Possibly overcounts violating systems.

Where to Obtain 1998 Annual State Public Water Systems Report

The Virgin Islands Report can be obtained by contacting the DPNR, Division of Environmental Protection, 1118 Water Gut Homes, Christiansted, St. Croix, US Virgin Islands, 00820. The report is also available at public libraries, University of Virgin Island's Public Library, UVI's Water Resource Research Institute, and local libraries.

State of Virginia 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	8	5*			109	24*
Total Coliform Rule	169	146			425	266
Surface Water Treatment Rule			140	18*	0	0
Lead and Copper Rule			92	92	21	28**

Total Number of Regulated Systems	NR
Total Number of Systems in Violation	467
Total Number of Violations	964

* Possibly overcounts violating systems.

** Includes seven systems whose violations were not incurred in 1998.

Where to Obtain 1998 Annual State Public Water Systems Report

A summary of Virginia's state report is available by accessing the following site:

<http://www.vdh.state.va.us/owp/97report.htm>. A complete copy of the report may be obtained by contacting one of the 6 field offices: Office of Water Programs, Abingdon Field Office — Field 1, 454 East Main Street, Abingdon, VA 24210, phone (540) 676-5650 and fax (540) 676-5659; Office of Water Programs, Lexington Field Office — Field 2, 131 Walker Street, Lexington, VA 24450, phone (540) 463-7136 and fax (540) 463-3892; Office of Water Programs, Southeast Virginia Field Office — Field 3, 5700 Thurston Avenue — Suite 203, Virginia Beach, VA 23455, phone (757) 363-3876 and fax (757) 363-3955; Office of Water Programs, East Central Field Office — Field 4, 300 Turner Road, Richmond, VA 23225, phone (804) 674-2880 and fax (804) 674-2815; Office of Water Programs, Danville Field Office — Field 5, 1347 Piney Forest Road, Danville, VA 24540, phone (804) 836-8416 and fax (804) 836-8424; Office of Water Programs, Culpeper Field Office — Field 6, 400 South Main Street — 2nd Floor, Culpeper, VA 22701-3318, phone (540) 829-7340 and fax (540) 829-7337.

State of Washington 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			0	0
Total Coliform Rule	588	453			1,289	780
Surface Water Treatment Rule			139	59	82	19
Lead and Copper Rule			2	2	72	215*

Total Number of Regulated Systems	4,250
Total Number of Systems in Violation	1,302
Total Number of Violations	2,172

* Includes 144 systems that were categorized in violation of significant monitoring requirements but did not incur the violation in 1998.

Where to Obtain 1998 Annual State Public Water Systems Report

Washington's State Report is available by accessing the State's Website at www.doh.wa.gov/ehp/dw/enflink.htm or by contacting the Department of Health, Division of Drinking Water, P.O. Box 47822, Olympia, Washington 98504-7822.

State of West Virginia 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	11	9			465	322
Total Coliform Rule	97	78			1,062	487
Surface Water Treatment Rule			4	3	0	0
Lead and Copper Rule			0	0	157	112

Total Number of Regulated Systems	1,215
Total Number of Systems in Violation	694
Total Number of Violations	1,796

Where to Obtain 1998 Annual State Public Water Systems Report

West Virginia did not provide a specific source for obtaining a copy of its report. For more information, contact the West Virginia Bureau for Public Health, Office of Environmental Health Services, 815 Quarrier Street, Suite 418, Charleston, West Virginia, 25301-2616; telephone (304) 558-2981.

State of Wisconsin 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	43	40			1,767	914
Total Coliform Rule	549	549			896	860
Surface Water Treatment Rule			0	0	0	0
Lead and Copper Rule			2	2	46	40

Total Number of Regulated Systems	11,807
Total Number of Systems in Violation	2,363
Total Number of Violations	3,303

Where to Obtain 1998 Annual State Public Water Systems Report

Wisconsin's State Report is available by contacting the Bureau of Drinking Water and Groundwater, State of Wisconsin Department of Natural Resources, P.O. Box 7921, Madison, WI 53707, telephone (608) 266-6669.

State of Wyoming 1998 PWS Compliance Report

Violations for 1998

Violations Category	MCL		Treatment Technique		Significant Monitoring	
	Violations	Systems in Violation	Violations	Systems in Violation	Violations	Systems in Violation
Chemical Contaminant Group	0	0			52	52*
Total Coliform Rule	70	56			194	144
Surface Water Treatment Rule			33	12	5	4
Lead and Copper Rule			0	0	2	2

Total Number of Regulated Systems	800**
Total Number of Systems in Violation	270*
Total Number of Violations	356

* Possibly overcounts violating systems.

** This number is an approximation provided by EPA.

Where to Obtain 1998 Annual State Public Water Systems Report

The report for the state of Wyoming is available from: John Gillis, EPA Region 8, 999 18th Street, Suite 500, Denver, CO 80202-2466, phone (303) 312-6229.